

TRUNNION BALL VALVES



Trunnion Mounted Ball valves are used primarily, but not limited to, the Oil & Gas Industry. Trunnion Mounted Ball valves are offered in Pressure Classes 150, 300, 600, 900, 1500 & 2500# and sizes from 2" up to 60" nominal diameter.

Hills Flow Control, Inc Trunnion Mounted Ball valves meet API-6D full bore specifications for piggable service avoiding turbulence and fluid pressure drop through the valve. Hills Valves Co., Inc offers an array of materials used for this product line, including but not limited to:

- Carbon Steels like A105 or WCB
- Low Carbon Steels like LF2, LF3 or LCB, LCC, etc.
- Stainless Steels like F316, F347 or CF8M, CF8C, etc.
- Duplex Stainless Steel like F51 or CD3MN.
- Super Duplex Stainless Steel like F55 or CD3MWCuN.

Hills Flow Control, Inc offers a variety of trim materials including but not limited to the full API-6D published trim list. Additional trims are available such as high strength steels like 17-4pH, duplex and super duplex steels (UNS S31803 or UNS S32750), high nickel alloys (Monel, Inconel, Incoloy, Hastelloy, etc), among others.

Design Features

- Trunnion Mounted Ball Valves in accordance with API-6D.
- Bolted Body or Welded Body.
- Metal to Metal Tungsten Carbide and stellite 6 coatings option available.
- Carbon steel body, Inconel 625 internal cladding available.
- Meets Fire Test in accordance API-6FA, API-607.
- Full bore or reduced bore available.
- Flange dimensions in accordance ASME B16.5 for valves up to 24" nominal diameter.
- Flange dimensions in accordance MSS-SP-44, ASME/ANSI B16.47
- Series A or B for valves over 26" nominal diameter.
- Wrench, Gear or Electric Operated options.
- Double Block and Bleed.
- Bi-directional flow.
- Anti-static device.
- Blow out proof system.
- NACE Service either MR-01-75 or MR-01-03.
- Test in accordance API-6D.

PRODUCT RANGE

TYPE	SIZE	PRESSURE CLASS AS PER ASME/ANSI B16.34	ENDS
Trunnion Ball Valve Bolted Body	2" to 60"	150, 300, 600, 900, 1500 & 2500#	RF, RTJ or BW
Trunnion Ball Valve Welded	2" to 60"	150, 300, 600, 900, 1500 & 2500#	RF, RTJ or BW